

Fig. 1 Natural brassinosteroids.

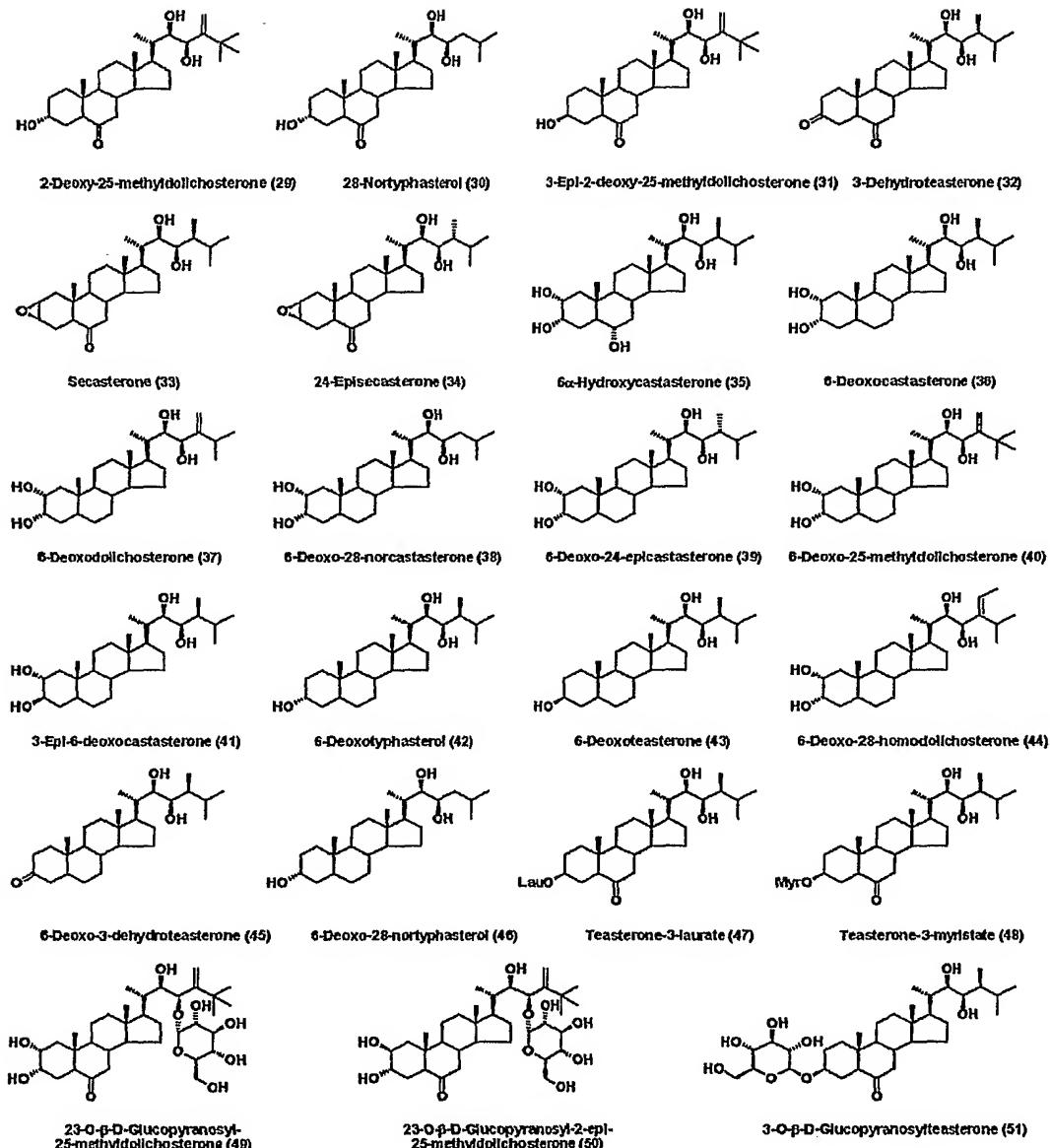


Fig. 2 Natural brassinosteroids (continued).

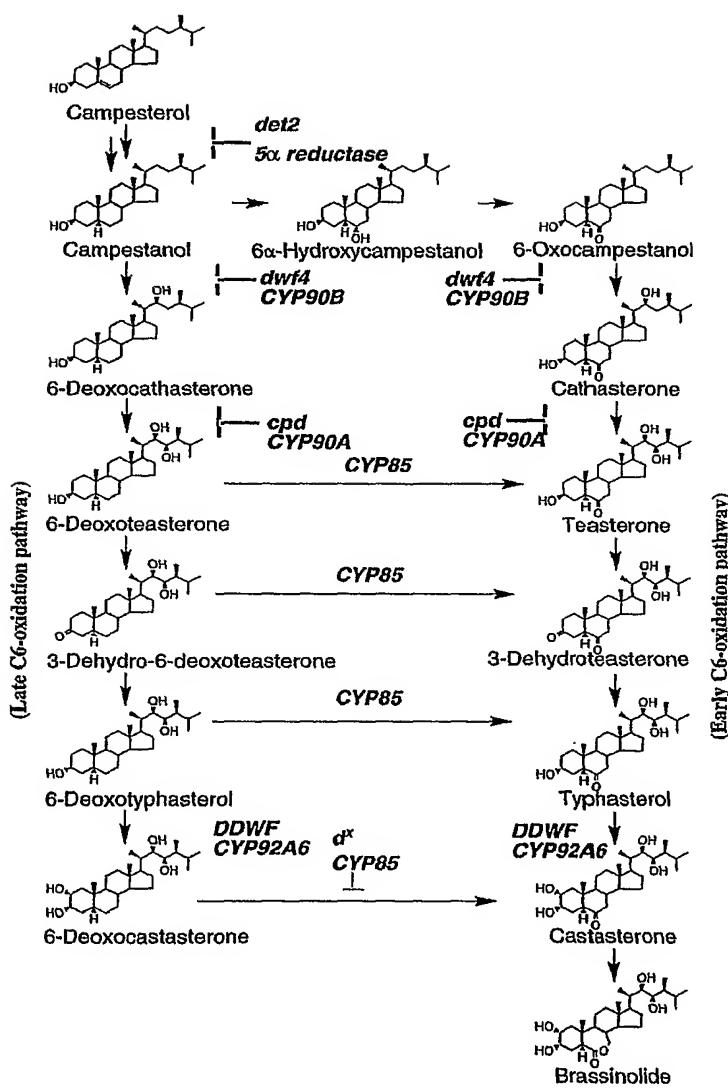


Fig. 3

DOGT1	:	MVSETTKSSPL-----
Vigna_AdGT9	:	HFVLFENQGHMIFMVDIARLLAQRGVIIITVTPHNAARFKNVLNRAIES-GLPINLVQVKFPYL: 77
Nicotiana_TOGT1	:	MLQTNNNVP-----
Nicotiana_Is5a	:	MG-----OL-----
Oryza_AP002523	:	HEEEFPVMQGHIIIPMMDIARIILAQRGVIIITVTPKNASRFSNSVISRAVSS-GLKIRLVQLENPSK: 75
Lycopersicon_Twi1	:	HIEFFPVMAEHGHWIPTLDMAKLFASRGVKAIIITPLNEEVESKAJORN-KHLGIEIEIRLKEFPAV: 70
Dorotheanthus_5OGT:	:	HSSAGHAVDQQRKSTTMKAHEFVLVPMMAQGHMIPMTGMARLLAEHQAQSEVTTPVNAARMA-GFVTAVEAAGLAVQLVKPEPAT: 85

DOGT1	:	EAGIQLQEGQENIDSLLTNERMIPFEKAVNFILEPVQVKLIEEMNPRPSCLISDFCLPYTSKIAKKENIPKILEHGMGCFCLLCMHVIR: 163
Vigna_AdGT9	:	EAGLREGCENLDMSNSND-MSKIEQVIMHMPQKPAEEFFQTLTPKPSCLISDFCIAINTLQIAEKYHIPRVSEHGESCECLHCRYVIH: 160
Nicotiana_TOGT1	:	ENGLPEECERLDDQIPSDEKLPNFEKAVAMMQUEPLEQLEE--CRPDCCLISDMELPWTDTAAKENIPRIVEHGTSEFALCVENSVR: 154
Nicotiana_Is5a	:	ENGLPEECERLDDQIPSDEKLPNFEKAVAMMQUEPLEQLEE--CRPDCCLISDMELPWTDTAAKENIPRIVEHGTSEFALCVENSVR: 154
Oryza_AP002523	:	EFGGLPDGCENLDMSQSRDLSRNFEACGALREPLTARLROLCPPPSCIISDMVQWWTGEIARELGIPRLTDGECTFASLARYIE: 171
Lycopersicon_Twi1	:	ENDLPEDCERLDLVLPSDDKLPNELKAAMMKDEFEEELIGE--CRPDCCLVSDMELPWTDTAAKESFIPRIVEHGTSEFALCVGDTIR: 150
Dorotheanthus_5OGT:	:	EAGLPIGCENLEQAMAIGANNEFENANLKEQLENFLV--TRPNCIVADMFETWAAADSTAKNIPITLIVEHGESEFAQCAKEVMW: 161

DOGT1	:	KNREILDNLKSDKELEITVPDFPDRVEFTRTQVFPV-ETYVPAGDWWKIDFDMVANEHTSYGVIVNSFOELEPAYAKDY-KEVRSGKA: 247
Vigna_AdGT9	:	TS-DFCRSITSESKYETIPGIPDRIOVTKEQLLPG-SLATDLDDEKD--QVRDAEKKSYGVIVNTFWRVGEVICGESRRRLKNNKA: 241
Nicotiana_TOGT1	:	LNKPF-KNVSSDSETEVVPDFLPHIEIKLTRTQVSPEERSGEETAMTRMIKTVRESDSKSYGVVENSFYELETDYVEHYTKVL-GRRA: 238
Nicotiana_Is5a	:	LNKPF-KNVSSDSETEVVPDFLPHIEIKLTRTQVSPEERSGEETAMTRMIKTVRESDSKSYGVVENSFYELETDYVEHYTKVL-GRRA: 238
Oryza_AP002523	:	RDK-LLDNVA-DEEIVTFSGEFPMLLEPKARCPG--SLCVPGMQIIRDKNYEELOSDEGNMNSFOELETLYIESEEO-ITGKKV: 251
Lycopersicon_Twi1	:	RNKPF-KNVSSDSETEVVPDFLPHIEIKLRTTQJISPFEQSDEETGMAPIKAVRESDAKSYGVIVENSFYELESDDVYEHYTCKV-GRKN: 234
Dorotheanthus_5OGT:	:	RYKPY-KAVSSDTEVESSLPLPHEVKMTRLQVPESMRKGEETHFTKTERIIRLERKSYGVIVNSFYELEPDYADELRKEL-GRRA: 245

Fig.4

5/5

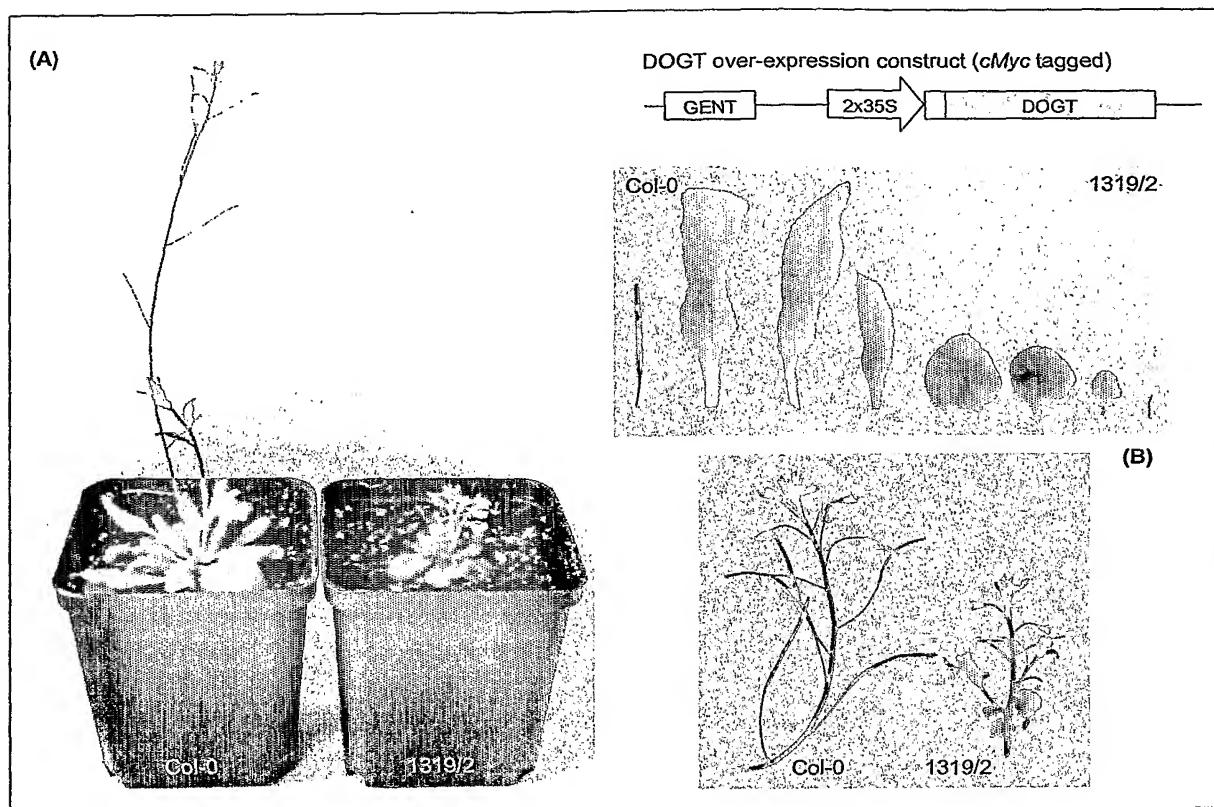


Fig. 5

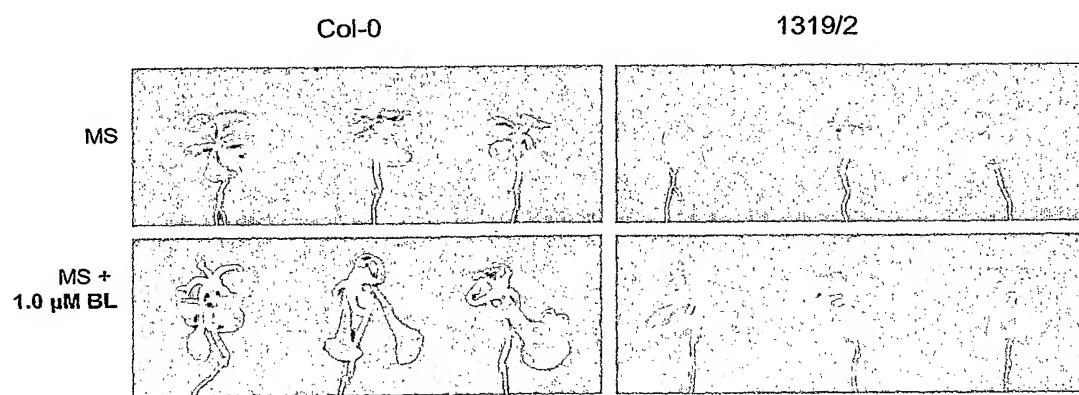


Fig. 6

5 / 5

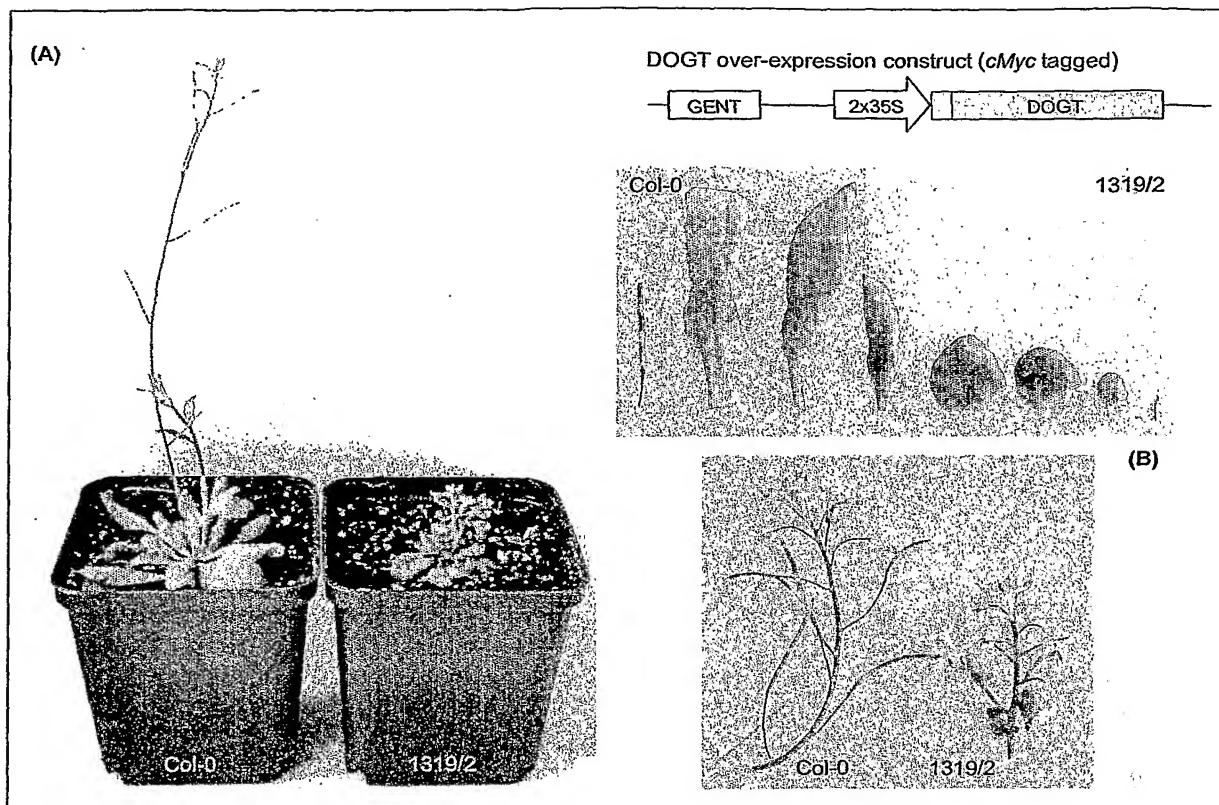


Fig. 5

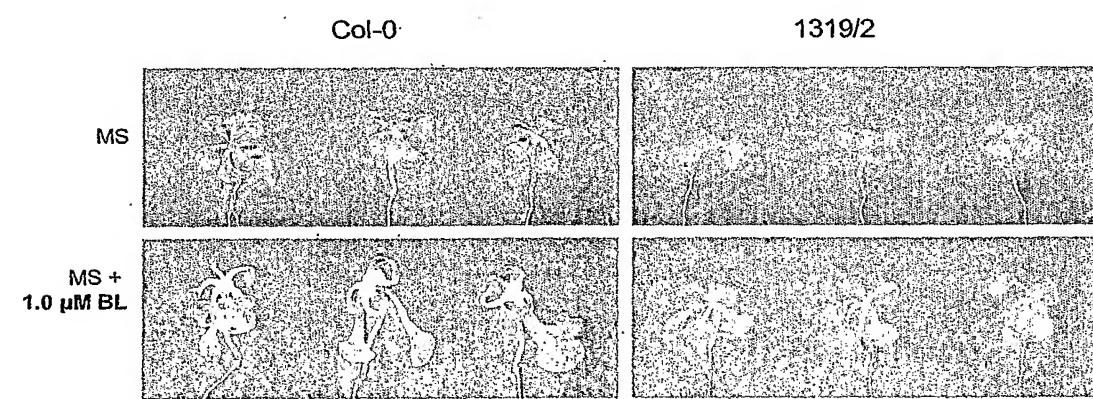


Fig. 6